



IFWO

RAW SEQUENCE LISTING

DATE: 08/11/2004

PATENT APPLICATION: US/10/783,780

TIME: 16:40:15

Input Set : A:\5199-70 seq. listing.txt

Output Set: N:\CRF4\08112004\J783780.raw

3 <110> APPLICANT: Abeliovich, Asa
 4 Staropoli, John
 6 <120> TITLE OF INVENTION: PARKIN-ASSOCIATED COMPLEX FOR PROTECTING POST-MITOTIC
 7 NEURONS FROM EXCITOTOXICITY AND USES THEREOF
 9 <130> FILE REFERENCE: 5199-70
 11 <140> CURRENT APPLICATION NUMBER: US 10/783,780
 13 <141> CURRENT FILING DATE: 2004-02-20
 15 <150> PRIOR APPLICATION NUMBER: US 60/452,331
 17 <151> PRIOR FILING DATE: 2003-03-05
 19 <160> NUMBER OF SEQ ID NOS: 4
 21 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 26 <211> LENGTH: 465
 28 <212> TYPE: PRT
 30 <213> ORGANISM: human
 32 <400> SEQUENCE: 1
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 35 1 5 10 15
 38 Val Asp Ser Asp Thr Ser Ile Phe Gln Leu Lys Glu Val Val Ala Lys
 39 20 25 30
 42 Arg Gln Gly Val Pro Ala Asp Gln Leu Arg Val Ile Phe Ala Gly Lys
 43 35 40 45
 46 Glu Leu Arg Asn Asp Trp Thr Val Gln Asn Cys Asp Leu Asp Gln Gln
 47 50 55 60
 50 Ser Ile Val His Ile Val Gln Arg Pro Trp Arg Lys Gly Gln Glu Met
 51 65 70 75 80
 54 Asn Ala Thr Gly Gly Asp Asp Pro Arg Asn Ala Ala Gly Gly Cys Glu
 55 85 90 95
 58 Arg Glu Pro Gln Ser Leu Thr Arg Val Asp Leu Ser Ser Ser Val Leu
 59 100 105 110
 62 Pro Gly Asp Ser Val Gly Leu Ala Val Ile Leu His Thr Asp Ser Arg
 63 115 120 125
 66 Lys Asp Ser Pro Pro Ala Gly Ser Pro Ala Gly Arg Ser Ile Tyr Asn
 67 130 135 140
 70 Ser Phe Tyr Val Tyr Cys Lys Gly Pro Cys Gln Arg Val Gln Pro Gly
 71 145 150 155 160
 74 Lys Leu Arg Val Gln Cys Ser Thr Cys Arg Gln Ala Thr Leu Thr Leu
 75 165 170 175
 78 Thr Gln Gly Pro Ser Cys Trp Asp Asp Val Leu Ile Pro Asn Arg Met
 79 180 185 190
 82 Ser Gly Glu Cys Gln Ser Pro His Cys Pro Gly Thr Ser Ala Glu Phe
 83 195 200 205
 86 Phe Phe Lys Cys Gly Ala His Pro Thr Ser Asp Lys Glu Thr Pro Val

ENTERED

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87      210      215      220
90 Ala Leu His Leu Ile Ala Thr Asn Ser Arg Asn Ile Thr Cys Ile Thr
91 225      230      235      240
94 Cys Thr Asp Val Arg Ser Pro Val Leu Val Phe Gln Cys Asn Ser Arg
95      245      250      255
98 His Val Ile Cys Leu Asp Cys Phe His Leu Tyr Cys Val Thr Arg Leu
99      260      265      270
102 Asn Asp Arg Gln Phe Val His Asp Pro Gln Leu Gly Tyr Ser Leu Pro
103      275      280      285
106 Cys Val Ala Gly Cys Pro Asn Ser Leu Ile Lys Glu Leu His His Phe
107      290      295      300
110 Arg Ile Leu Gly Glu Glu Gln Tyr Asn Arg Tyr Gln Gln Tyr Gly Ala
111 305      310      315      320
114 Glu Glu Cys Val Leu Gln Met Gly Gly Val Leu Cys Pro Arg Pro Gly
115      325      330      335
118 Cys Gly Ala Gly Leu Leu Pro Glu Pro Asp Gln Arg Lys Val Thr Cys
119      340      345      350
122 Glu Gly Gly Asn Gly Leu Gly Cys Gly Phe Ala Phe Cys Arg Glu Cys
123      355      360      365
126 Lys Glu Ala Tyr His Glu Gly Glu Cys Ser Ala Val Phe Glu Ala Ser
127      370      375      380
130 Gly Thr Thr Thr Gln Ala Tyr Arg Val Asp Glu Arg Ala Ala Glu Gln
131 385      390      395      400
134 Ala Arg Trp Glu Ala Ala Ser Lys Glu Thr Ile Lys Lys Thr Thr Lys
135      405      410      415
138 Pro Cys Pro Arg Cys His Val Pro Val Glu Lys Asn Gly Gly Cys Met
139      420      425      430
142 His Met Lys Cys Pro Gln Pro Gln Cys Arg Leu Glu Trp Cys Trp Asn
143      435      440      445
146 Cys Gly Cys Glu Trp Asn Arg Val Cys Met Gly Asp His Trp Phe Asp
147      450      455      460
150 Val

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151 465
154 <210> SEQ ID NO: 2
156 <211> LENGTH: 19
158 <212> TYPE: RNA
160 <213> ORGANISM: artificial sequence
162 <220> FEATURE:
164 <223> OTHER INFORMATION: sirna; synthetic construct
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171 <210> SEQ ID NO: 3
173 <211> LENGTH: 19
175 <212> TYPE: RNA
177 <213> ORGANISM: artificial sequence
179 <220> FEATURE:
181 <223> OTHER INFORMATION: sirna; synthetic construct
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188 <210> SEQ ID NO: 4
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192 <212> TYPE: RNA
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198 <223> OTHER INFORMATION: sirna; synthetic construct
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202 cuccuggaac acuggcaac

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VERIFICATION SUMMARY

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